

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-8. (Canceled).

9. (Currently Amended) A mobile network control apparatus that maintains a connection constructed between a mobile network and a global network and that has a plurality of interfaces, the mobile network control apparatus comprising:

    a failure detection section that detects a failure of packet tunneling executed using a first interface of the plurality of interfaces, the first interface having a connection route to the global network;

    a search section that searches for a second interface from the plurality of interfaces when the failure is detected;

    an execution section that executes packet tunneling using the searched second interface instead of the first interface; and

    a multi-homing detection section that detects whether or not the mobile network control apparatus is multi-homed, wherein:

        when the mobile network control apparatus is not multi-homed, the search section searches for an alternative apparatus having the connection route to the global network and belonging to the mobile network, and determines an ingress interface of the plurality of interfaces

as the second interface, the ingress interface having a connection route to the searched alternative apparatus, and

when the mobile network control apparatus is multi-homed, the search section searches for an alternative egress interface having the connection route to the global network from the plurality of interfaces, and determines the alternative egress interface as the second interface, and  
the search section further comprises a registration section that transmits a registration request of a binding between a home address of the first interface as a home address and an address of the second interface as a care of address in the mobile network control apparatus, from the second interface to the home agent of the first interface.

10. (Currently Amended) The mobile network control apparatus according to claim 9, wherein[[[:]]] ~~the search section comprises a registration section that registers a binding between an address of the ingress interface and an address of the mobile network control apparatus, and the search section searches for another alternative apparatus when the registration section fails to register the binding.~~

11. (Currently Amended) The mobile network control apparatus according to claim 10, wherein when a current address of the second ingress interface is not a global address, the registration section acquires a global address from the searched alternative apparatus and registers a binding between the acquired global address and the address of the first interface mobile network control apparatus.

12. (Previously Presented) The mobile network control apparatus according to claim 11, wherein the search section searches for another alternative apparatus when the registration section fails to acquire the global address.

13-14. (Canceled).

15. (Currently Amended) A mobile network control method in a mobile network control apparatus that maintains a connection constructed between a mobile network and a global network and that has a plurality of interfaces, the method comprising:

a failure detection step of detecting a failure of packet tunneling executed using a first interface of the plurality of interfaces, the first interface having a connection route to the global network;

a search step of searching for a second interface from the plurality of interfaces when the failure is detected;

an execution step of executing packet tunneling using the searched second interface instead of the first interface; and

a multi-homing detection step of detecting whether or not the mobile network control apparatus is multi-homed, wherein:

when the mobile network control apparatus is not multi-homed, in the search step, an alternative apparatus having the connection route to the global network and belonging to the mobile network is searched for, and an ingress interface of the plurality of interfaces is

determined as the second interface, the ingress interface having a connection route to the searched alternative apparatus, and

when the mobile network control apparatus is multi-homed, in the search step, an alternative egress interface having the connection route to the global network is searched for from the plurality of interfaces, and the searched alternative egress interface is determined as the second interface, and

the search step further comprises a registration step of transmitting a registration request of a binding between a home address of the first interface as a home address and an address of the second interface as a care of address in the mobile network control apparatus, from the second interface to the home agent of the first interface.